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B Calder, D Grunwald, M Jones, D Lindsay, J Martin ... - ACM Transactions on Programming Languages and Systems (..., 1997 - portal.acm.org

... have invented, called Evidence-Based Static Prediction (ESP ... have been taken toward branch prediction, some of ... Patt 1993] while others involve software [Ball and ...

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B Calder, D Grunwald, D Lindsay, J Martin, M Mozer ... - Proceedings of the ACM SIGPLAN 1995 conference on ..., 1995 - portal.acm.org

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... or superblock scheduling [6], static branch prediction is used ... hardware scheduling, dynamic branch prediction is used ... Regardless of the prediction strategy em ...

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DW Wall - 1991 - ACM Press New York, NY, USA

... We assume that hardware and software techniques ... To model trace scheduling, we can also assume static branch prediction based on a profile from an identical run; in ...

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B Calder, D Grunwald - ACM SIGARCH Computer Architecture News, 1994 - portal.acm.org

... that use heuristics based on the direction of the branch target (forward or backward) or instruction opcode. While static prediction mechanisms, particularly ...

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DN Pnevmatikatos, GS Sohi - Computer Architecture, 1994. Proceedings the 21st Annual ..., 1994 - ieeexplore.ieee.org

... execution to facilitate the software pipelining of ... using trace selection based on branch frequencies, such ... are not amenable to static prediction are eliminated ...

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